

Please type a plus sign (+) inside this box



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|---|--|--|
| UTILITY PATENT APPLICATION TRANSMITTAL | | Attorney Docket No. 42P16790 |
| | | First Inventor Gansha Wu, et al. |
| | | Title METHOD AND APPARATUS FOR IMPROVING THE PERFORMANCE OF GARBAGE COLLECTION USING STACK TRACE CACHE |
| | | Express Mail Label No. EV325528471US |

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | | |
|--|--|--|
| APPLICATION ELEMENTS | | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 |
| See MPEP chapter 600 concerning utility patent application contents | | |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> | | |
| 2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> | | |
| 3. <input checked="" type="checkbox"/> Specification <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure | | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <i>[Total Sheets 8]</i> | | |
| 5. Oath or Declaration (signed) <i>[Total Pages 8]</i> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i> | | |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | | |
| 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i> | | |
| 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all of the following are necessary)</i> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies | | |
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) | | |
| 10. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> | | |
| 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> | | |
| 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations | | |
| 13. <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Application Amended to Reflect Claim of Priority | | |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> | | |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> | | |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). <i>Applicant must attach form PTO/SB/35 or its equivalent.</i> | | |
| 17. <input checked="" type="checkbox"/> Other: <u>CHECK FOR \$1,218.00</u> <u>CHECK FOR \$40.00</u> | | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No: _____

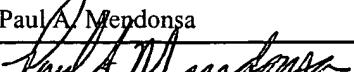
Prior application Information: Examiner _____

Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

| | | | | | |
|---|-----------|----------------|--|--|----------------|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | | 08791 | | or <input type="checkbox"/> Correspondence address below | |
| Name | | | | | |
| Address | | | | | |
| City | State | Zip Code | | | |
| Country | Telephone | (503) 684-6200 | | Fax | (503) 684-3245 |

| | | | |
|-------------------|---|-----------------------------------|--------|
| Name (Print/Type) | Paul A. Mendonsa | Registration No. (Attorney/Agent) | 42,879 |
| Signature |  | | |
| | Date 08/01/03 | | |

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10/62274
PRO



FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 1,258.00)

| <i>Complete if Known</i> | |
|--------------------------|----------------|
| Application Number | |
| Filing Date | August 1, 2003 |
| First Named Inventor | Gansha Wu |
| Examiner Name | |
| Group/Art Unit | |
| Attorney Docket No. | 42P16790 |

METHOD OF PAYMENT (check one)

| | | | | |
|---|--------------------------------------|--------------------------------------|--------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Check | <input type="checkbox"/> Credit card | <input type="checkbox"/> Money Order | <input type="checkbox"/> Other | <input type="checkbox"/> None |
| <input type="checkbox"/> Deposit Account | | | | |

Deposit
Account
Number 02-2666

Deposit
Account
Name: Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: *(check all that apply)*

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) required under 37 CFR §§ 1...

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | | | | |
|---------------------|--------------|----------|----------|------------------------|---------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | <u>Fee Description</u> | Fee Paid |
| 1001 | 750 | 2001 | 375 | Utility filing fee | 750.00 |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | (\\$) | 750.00 |

2. EXTRA CLAIM FEES_{Ex}

| | | Claims | Fee... below | Fee Paid |
|-----------------------|----|----------------|------------------|------------|
| Total Claims | 32 | $20^* =$ 12 | $\times 18.00 =$ | $\$216.00$ |
| Independent Claims | 6 | $3^* =$ 3 | $\times 84.00 =$ | $\$252.00$ |
| Multiple Dependent | | | | |

| Large Entity | | Small Entity | | |
|--------------|----------|--------------|----------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | <u>Fee Description</u> |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple Dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent |

***or number previously paid, if greater. For Reissues, see below.*

CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 2053 | 130 | 2053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1404 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 2451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| 1502 | 470 | 2502 | 235 | Design issue fee | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | |
| 1460 | 130 | 2460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Prosessing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 |
| 1809 | 750 | 1809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)** **40.00**

SUBMITTED BY

| | | | | |
|-------------------|---|--------------------------------------|--------|-----------|
| SUBMITTED BY | | Complete (if applicable) | | |
| Name (Print/Type) | Paul A. Mendonsa | Registration No. (Attorney/Agent) | 42,879 | Telephone |
| Signature |  | | Date | 08/01/03 |

Based on PTO/SB/17 (01-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 05/02/2003.
SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450